

## ABSTRACT OF THE DISCLOSURE

The present invention provides an improvement design for a digital servo motor controller IC to prevent the power feedback effect during manual adjusting the servo motor. A circuit is added  
5 at each output of the digital servo motor controller IC. The added circuit comprises a divider circuit and three NMOS inverter circuits connected sequentially. The outputs of the second and the third MOS inverter circuits are used as the inputs for the servo motor, so as to avoid the power feedback effect during manual  
10 adjusting of the servo motor.